

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010220\
 Data File : VD064715.D
 Acq On : 02 Jan 2020 14:05
 Operator : VA/SY
 Sample : K6464-02
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5-(8-10)

Quant Time: Jan 03 01:01:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

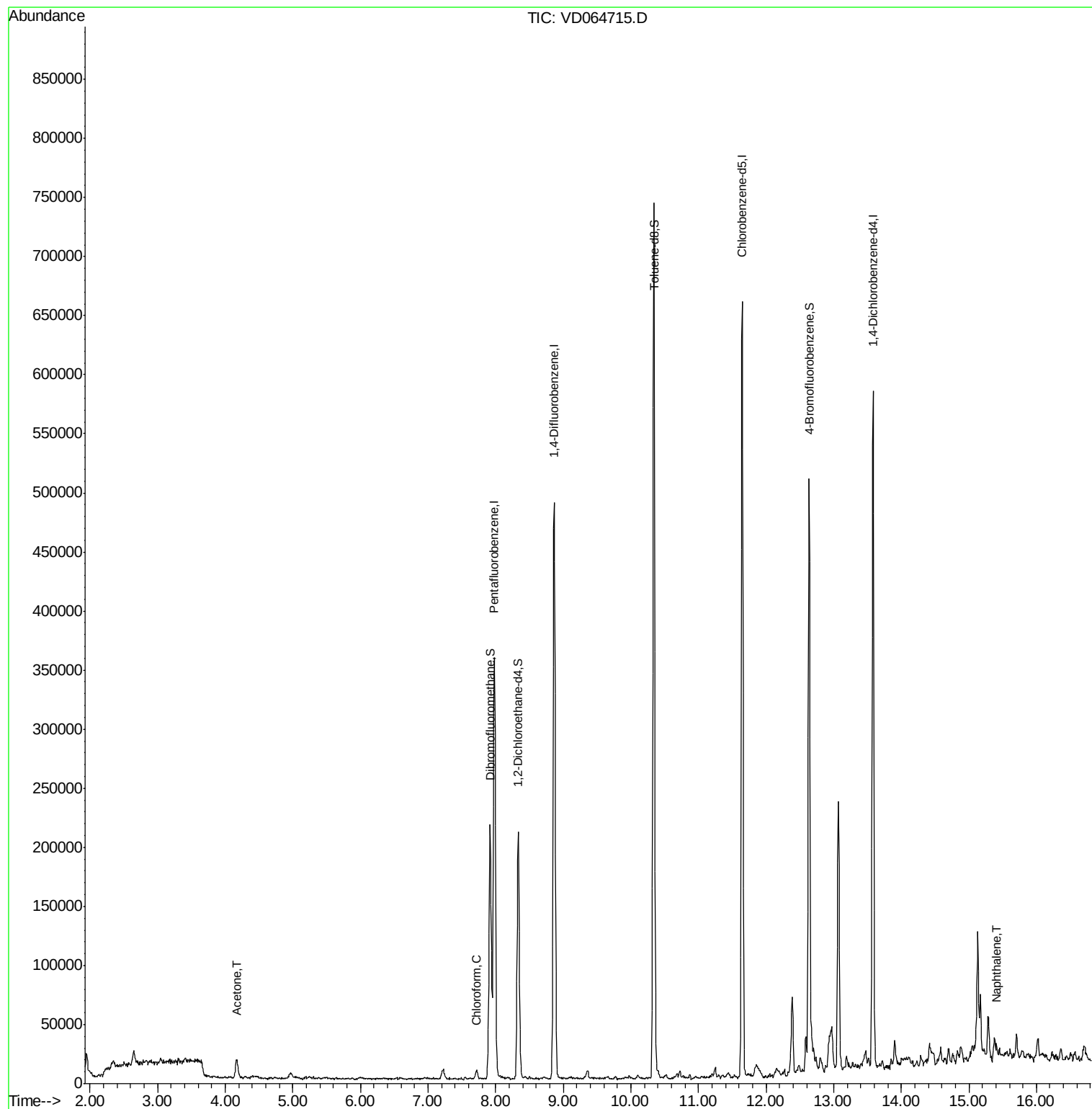
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	279341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	430403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	375150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	156091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	166896	67.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.52%	
35) Dibromofluoromethane	7.92	113	144931	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
50) Toluene-d8	10.34	98	510274	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.64	95	150790	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
Target Compounds						
16) Acetone	4.17	43	27002	50.821	ug/l	97
30) Chloroform	7.71	83	6379	1.325	ug/l	88
95) Naphthalene	15.42	128	10805	2.082	ug/l	95

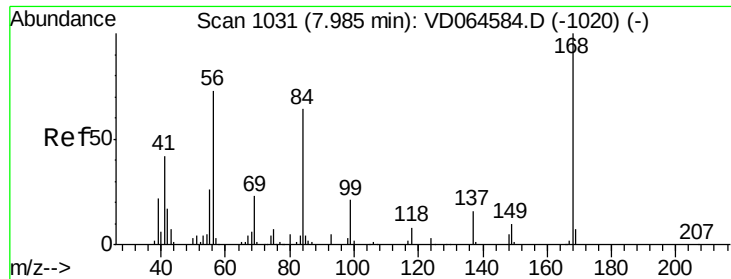
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064715.D

Acq: 02 Jan 2020 14:05

Instrument :

MSVOA_D

ClientSampleId :

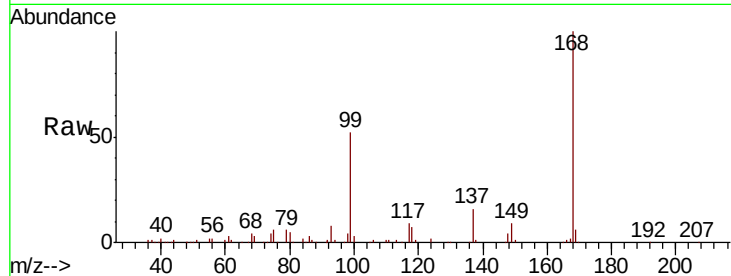
SB-5-(8-10)

Tot Ion:168 Resp: 279341

Ion Ratio Lower Upper

168 100

99 51.5 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

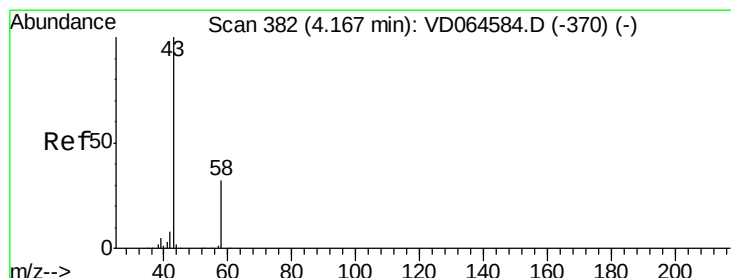
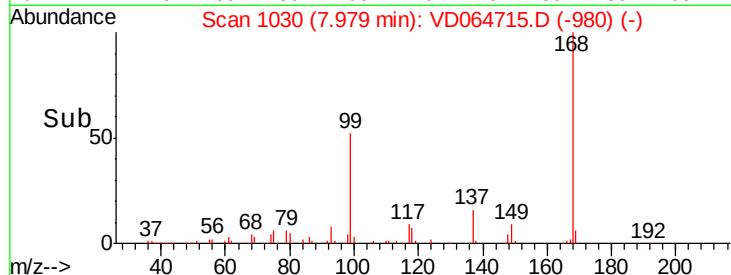
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 50.821 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064715.D

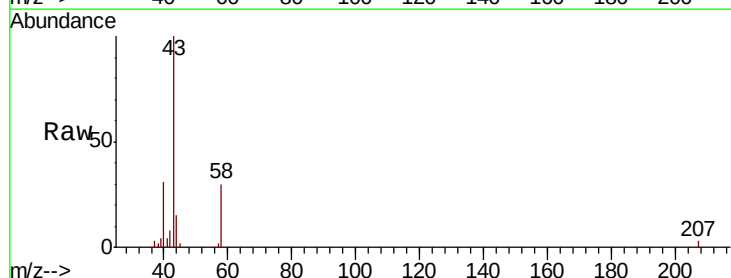
Acq: 02 Jan 2020 14:05

Tgt Ion: 43 Resp: 27002

Ion Ratio Lower Upper

43 100

58 30.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

10000

8000

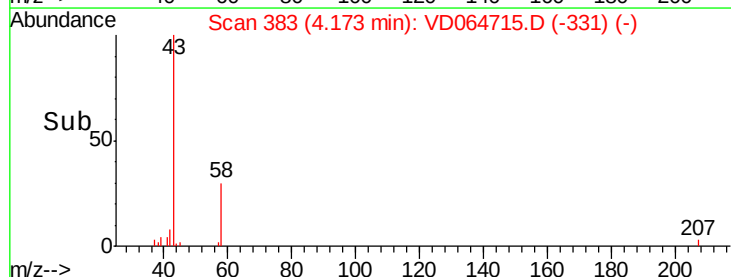
6000

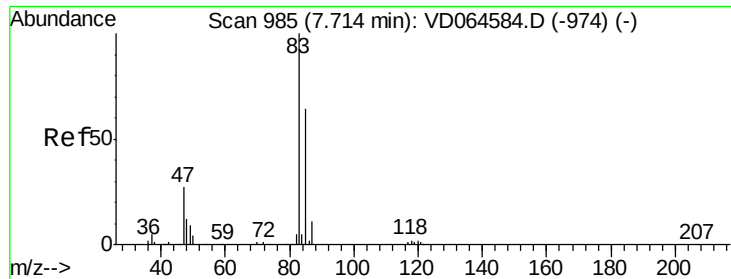
4000

2000

0

Time-->

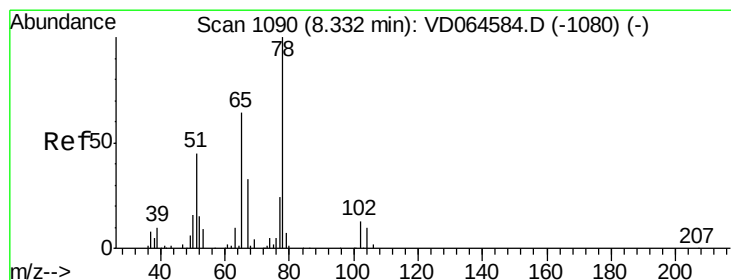
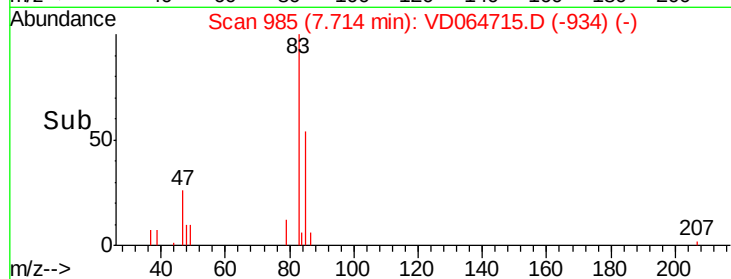
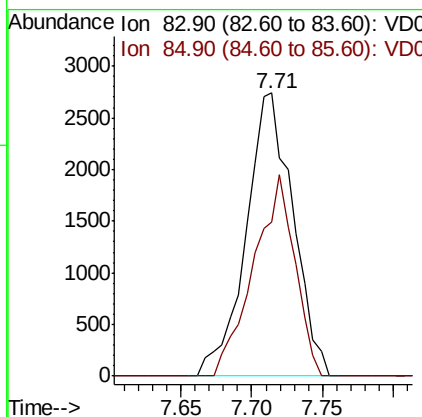
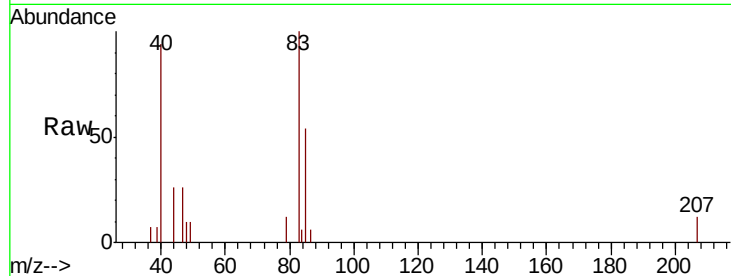




#30
Chloroform
Concen: 1.325 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064715.D
Acq: 02 Jan 2020 14:05

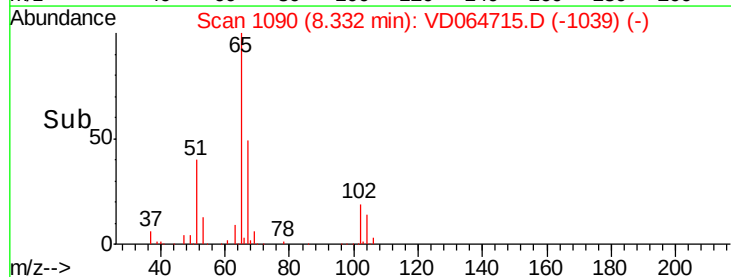
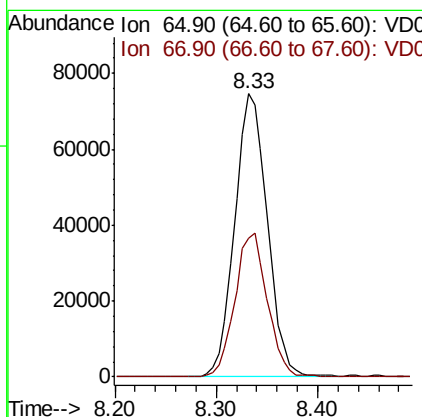
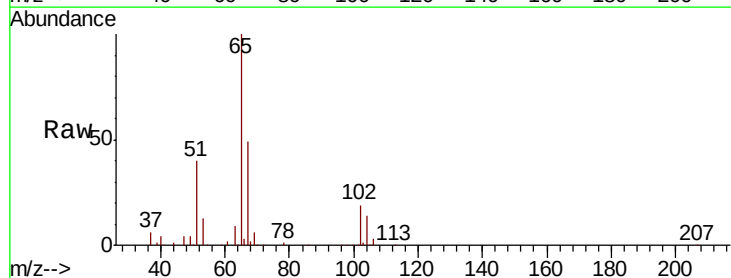
Instrument :
MSVOA_D
ClientSampleId :
SB-5-(8-10)

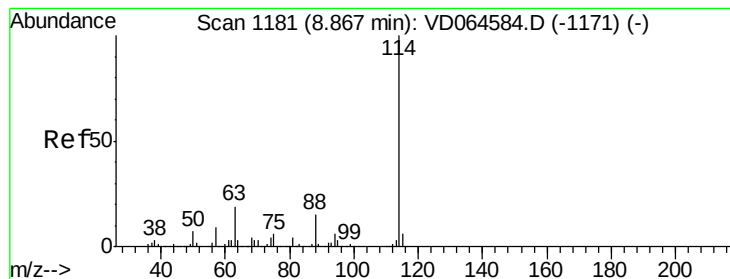
Tot Ion: 83 Resp: 6379
Ion Ratio Lower Upper
83 100
85 54.5 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 67.756 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD064715.D
Acq: 02 Jan 2020 14:05

Tgt Ion: 65 Resp: 166896
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064715.D

Acq: 02 Jan 2020 14:05

Instrument :

MSVOA_D

ClientSampleId :

SB-5-(8-10)

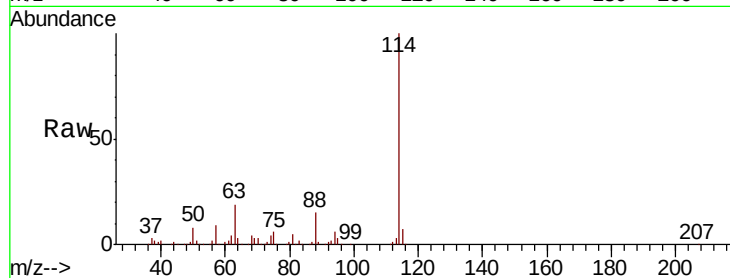
Tot Ion:114 Resp: 430403

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.0

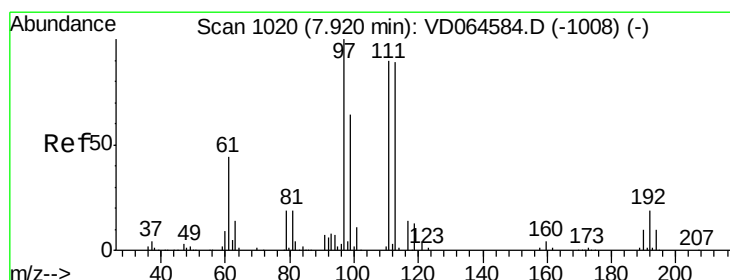
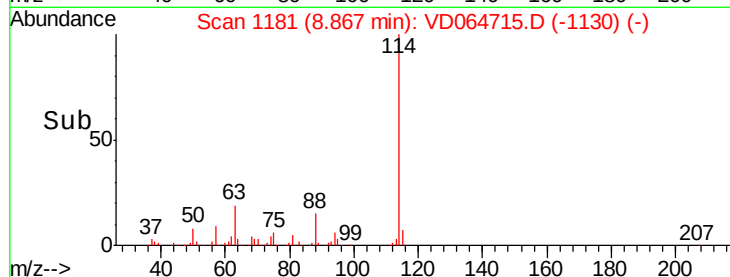
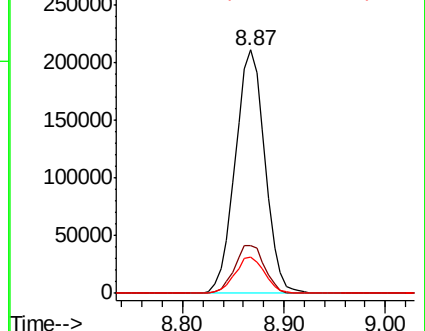
88 15.0 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 54.886 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064715.D

Acq: 02 Jan 2020 14:05

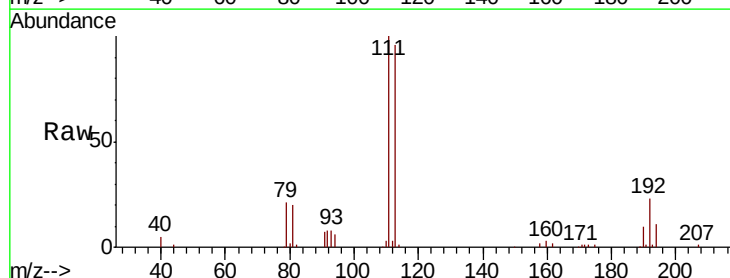
Tgt Ion:113 Resp: 144931

Ion Ratio Lower Upper

113 100

111 103.9 80.6 121.0

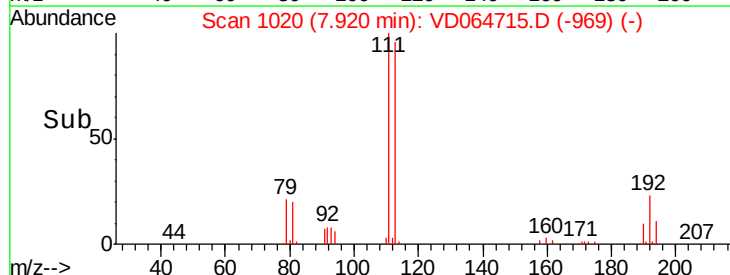
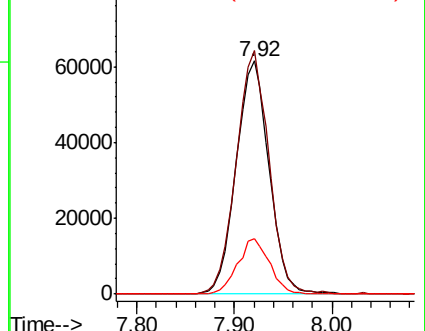
192 23.1 17.9 26.9

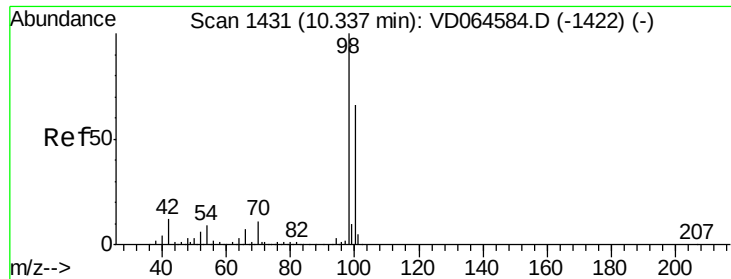


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

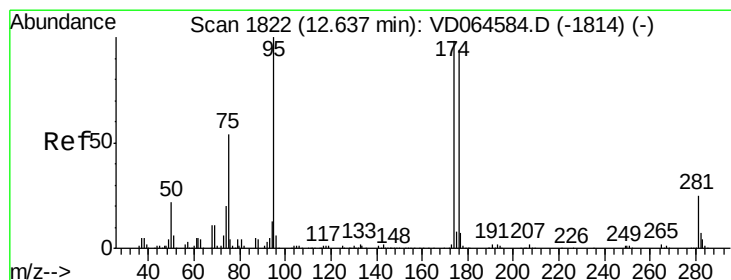
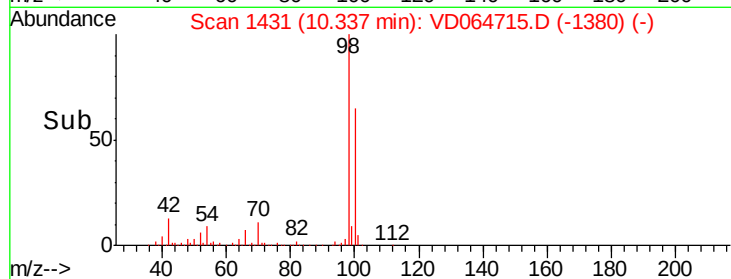
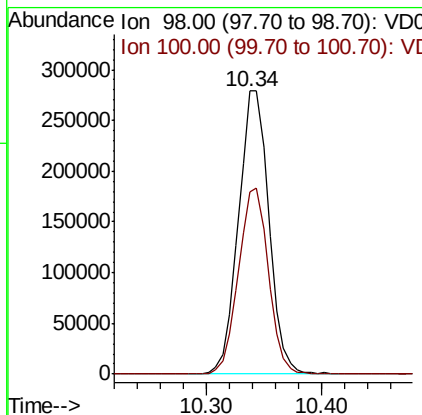
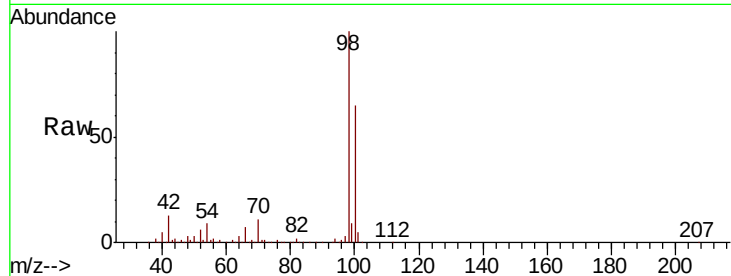




#50
Toluene-d8
Concen: 50.456 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064715.D
Acq: 02 Jan 2020 14:05

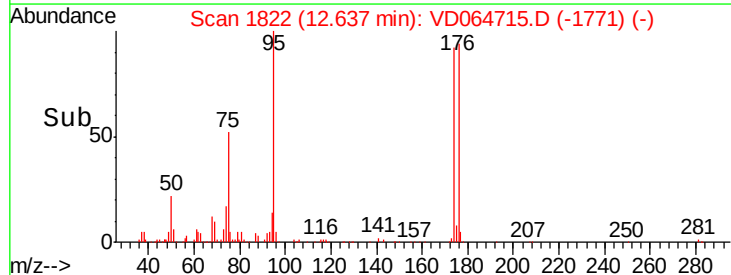
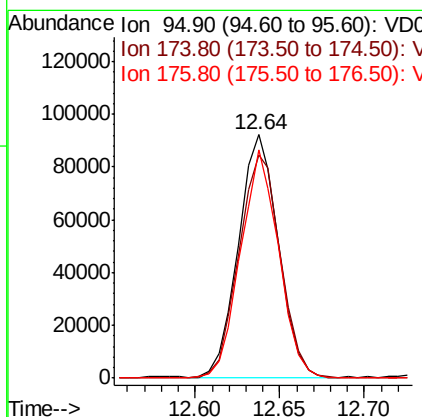
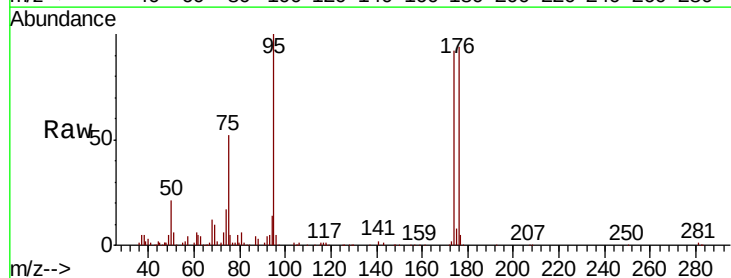
Instrument :
MSVOA_D
ClientSampleId :
SB-5-(8-10)

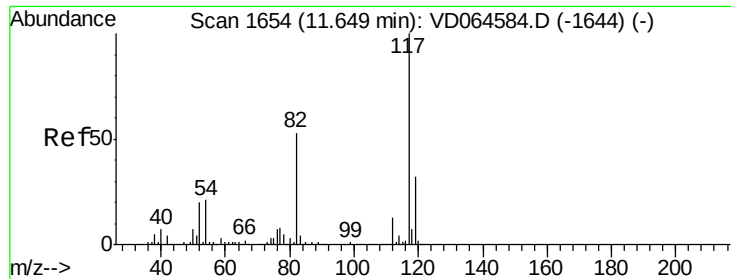
Tot Ion: 98 Resp: 510274
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.153 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064715.D
Acq: 02 Jan 2020 14:05

Tgt Ion: 95 Resp: 150790
Ion Ratio Lower Upper
95 100
174 95.7 0.0 193.2
176 90.0 0.0 184.2

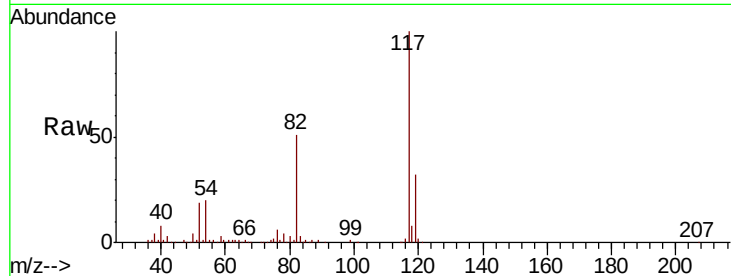




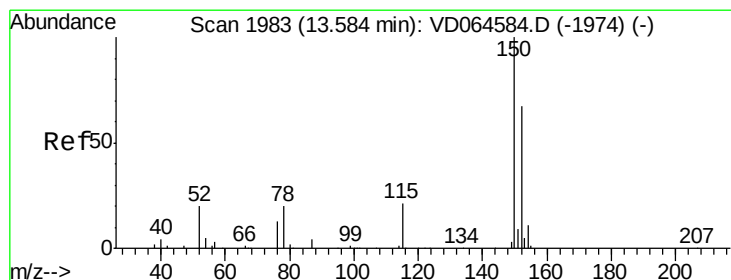
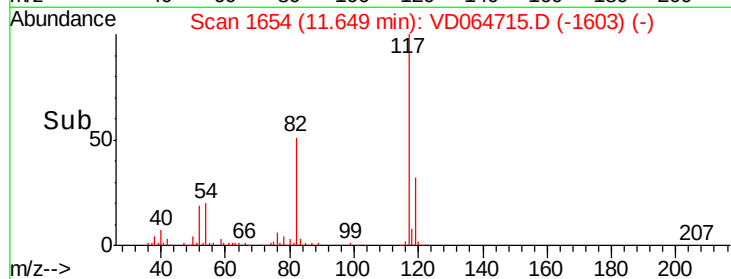
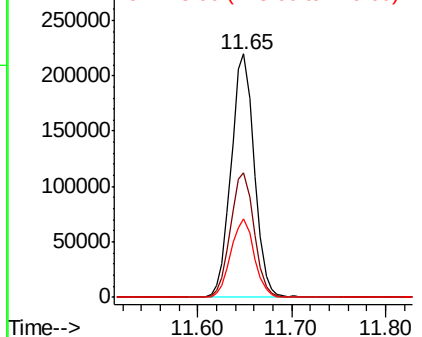
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064715.D
Acq: 02 Jan 2020 14:05

Instrument :
MSVOA_D
ClientSampleId :
SB-5-(8-10)

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.2	63.4
119	32.4	26.0	39.0

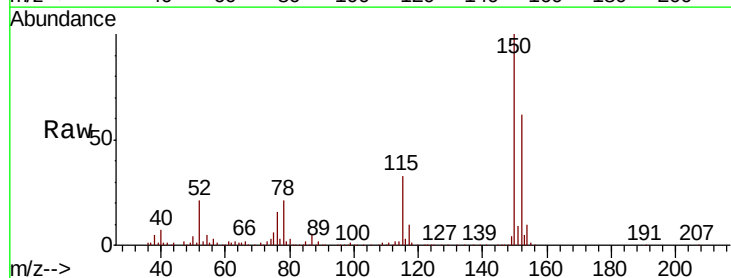


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

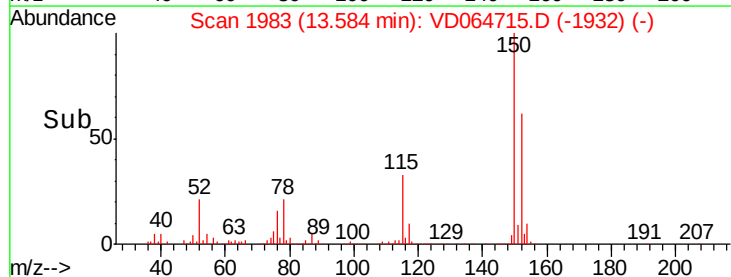
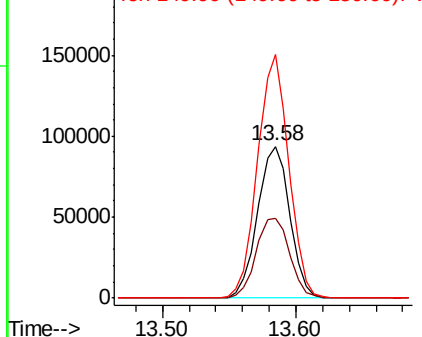


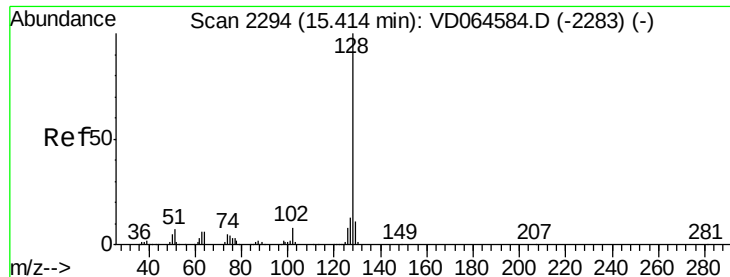
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064715.D
Acq: 02 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.8	83.4
150	155.8	0.0	351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 2.082 ug/l

RT: 15.42 min Scan# 2295

Delta R.T. 0.01 min

Lab File: VD064715.D

Acq: 02 Jan 2020 14:05

Instrument :

MSVOA_D

ClientSampleId :

SB-5-(8-10)

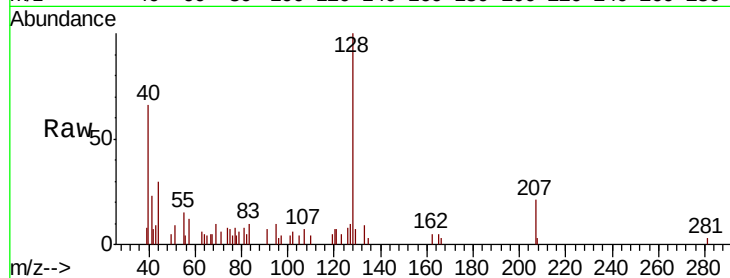
Tot Ion:128 Resp: 10805

Ion Ratio Lower Upper

128 100

127 14.5 10.3 15.5

129 12.5 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

